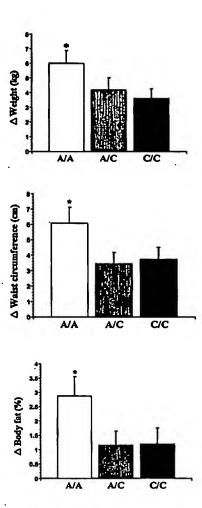


2/7



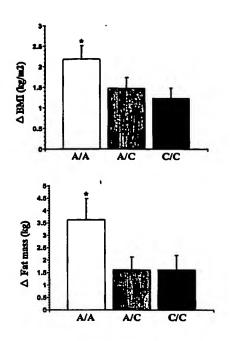


Fig. 2

3/7

Homo sapiens MARRAGGARMFGSLLLFALLAAGVAPLSWDLPEPRSRASKIRVHSRGNLWATGHFMGKKS 60

Mus musculus MTRQAGSSWLLRGLLLFALFASGV<u>APFNWDLPEPRSRASKIRVHPRGNLWATGHFMG</u>KKS 60

Homo sapiens LEPSSPSPLGTAPHTSLRDQRLQLSHDLLGILLKKALGVSLSRPAPQIQYRRLLVQILQK 121

Mus musculus LEPPSLSLVGTAPPNTPRDQRLQLSHDLLRILLRKKALGMNFSGPAPPIQYRRLLEPLLQK 121

## 4/7.

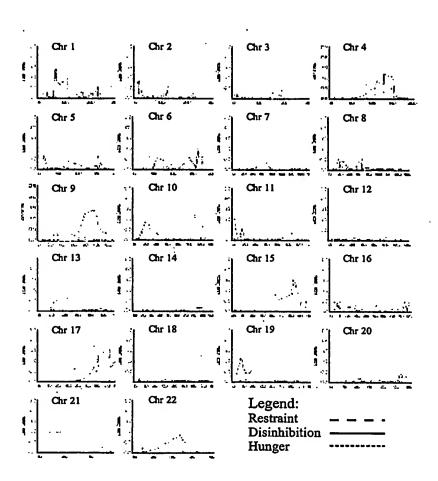


Fig. 4

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NMB_REF	
GGCTGAAGTGCCTATTTGGCCGAAAGCCGTGGCAGAGTGGCAAGGCAGGGCAGGGAAG NMB MUT	120
GGCTGAAGTGCCTATTTGGCCGAAAGCCGTGGCAGAGTGGCAAGGCAGGGCCAGGGGAAG	
NMB_REF CGGCTCCGCCGGGGCCGGGCCCCTGTTTGGCCGGTGCCCGGTCCTTAGCCTGAAGGT	180
NMB MUT	100
CGGCTCCGCCGGGGCCGGGCCCCTGTTTGGCCGGTGCCCGGTCCTTAGCCTGAAGGT	
NACO DEE	
NMB_REF GGCGGGCTTCCGCCAGAAGCCCCTGGCGGAAGCGGTGCCCGCGTGCGGGCCAGAGTGTGG	240
NMB_MUT ·	240
GGCGGGCTTCCGCCAGAAGCCCCTGGCGGAAGCGGTGCCGCGTGCGGGCCAGAGTGTGG	
NMB REF	
GTGTGCAGGTCTCTGGGCGGCCCAAAGGGGGTGCCCCTGCCTG	300
NMB_MUT	
GTGTGCAGGTCTCTGGGCGGCCCAAAGGGGGTGCCCCTGCCTG	
NMB REF	•
TGGGGACGGCGGGGGGGGCGCGGGGCACGCTCCGCTGCTCAGGGCAGGCTCC	360
NMB_MUT TGGGGACGGCGGGGGGGGGGGGGGCACGGCTCCGCTGCTCAGGGCAGGCTCC	
TOGGGACGGCGGGCACGGCGCGCGCGCGCTCCTCCTCCTCCTCCTCCTCCTCCTC	
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·	
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NMB_MUT	340
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NMB_REF	
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NMB_REF	
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NMB_REF	
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NMB_REF	
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Fig. 5 (cont')

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NMB_MUT CAGGATTTGCCACCACCCAGACACCTTTGTGGCTCCTTGGTGAGGTGGAAGCACCAAGAG	
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NMB_REF	
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NMB_MUT	
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NMB_REF	
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NMB_MUT	
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NMB_REF TCACTTCATGGGCAAGAAGAGTCTGGAGCCTTCCAGCCCATCCCCATTGGGGACAGCTCC	1220
NMB MUT	. 1320
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NMB_MUT CCACACCTCCCTGAGGGACCAGCGACTGCAGCTGAGTCATGATCTGCTCGGAATCCTCCT	
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NMB REF	
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NMB_MUT	
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NMB REF	
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NMB_MUT	
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AR OF THE	
NMB_REF GAATTACCACCCAGTACTGTATTAGGGTGTGACTGTCTGACTAGGACATTATGGGTGTGG	1560
NMB MUT	1300
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•	
NMB_REF	
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~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

Fig. 5 (cont')

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NMB MUT	1740
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NMB_MUT	
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NAC DEF	
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NMB_MUT	1960
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NMB_MUT GTACATTTGACGTTCTAGGCTGAATCACTGTTTCTTGTGAGGGCTGACGTGTGCATCATG	
· ·	
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NMB_MUT	
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NMB REF	
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Fig. 5 (cont')

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NMB REF	
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NMB REF	
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Fig. 5 (cont')

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NMB_REF	
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NMB_REF	
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NMB_REF	
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NMB REF	
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NMB REF	
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NMB_MOT CTGTATGTTTCTCTTCAGTACAGGAGGCTGCTGGTACAAATACTGCAGAAATGACACAA	Δ

Fig. 5 (cont')

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NMB_REF	
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NMB REF	
TGCTGTATTTCCTGCTTCCCTGTTGAATTGGTGAATAAAACCTTGCTCTTTACATACA	3480
TGCTGTATTTCCTGCTTCCCTGTTGAATTGGTGAATAAAACCTTGCTCTTTACATAAAAT	
NMB REF	
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GCCTGGTCCTCTCTCACCCGTCTTTTAGGGGATGGGAGGAAAAGGGGGCTGGAGGGC	
NMB REF	
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NMB REF	
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Fig. 5 (cont:')

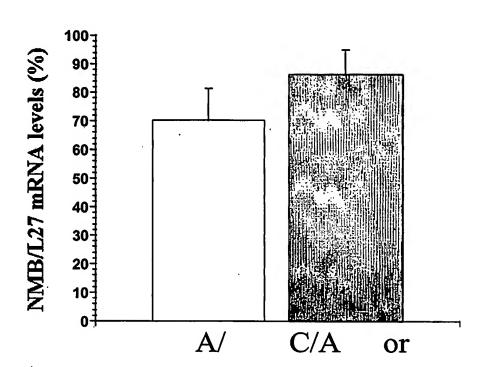


Fig. 6

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g-433 C>T or rs1849288 (within NMB promoter) NMB REF CTGTTACCCGGGAGGAGAGCTCCTCGCCCGACCTCTACCCTCATGAAGAGAGGCTCAGAG NMB MUT CTGTTACCCGGGAGGAGAGCTCTTCGCCCGACCTCTACCCTCATGAAGAGAGGCTCAGAG g.438 C>G or IVS1+281 C>G or rs2175567 (within NMB intron 1) NMB\_REF TTACCTTAGGCGAGACTTAACCGAATCTTCTAACCGCTGGTGTTTTTTGCTGCACCTCC NMB MUT TTACCTTAGGCGAGACTTAACCGAATCTTCTAACGGCTGGTGTTTTTTGCTGCACCTCC g.630 C>A or IVS1+473 C>A or rs2292462 (within NMB intron 1) NMB\_REF GGAĀAAGCTGAGGGAGCAGGCTTTGCCACCACCCAGACACCTTTGTGGCTCCTTGGTGAG NMB MUT GGAAAAGCTGAGGAGCAGGATTTGCCACCACCAGACACCTTTGTGGCTCCTTGGTGAG g.864 C>A or c.217 C>A (position on the coding sequence (cDNA) from the NMB first codon) or p.P73T (within NMB exon 2) or rs1051168 NMB REF CCAĞCCCATCCCCATTGGGGACAGCTCCCCACACCTCCCTGAGGGACCAGCGACTGCAGC NMB MUT CCAĞCCATCCCCATTGGGGACAGCTACCCACACCTCCCTGAGGGACCAGCGACTGCAGC g.1043 G>A or IVS2+66 G>A (unknown in databases) (within NMB intron 2) NMB REF GGCCATCCCCGGATCCTGCATGGGAGGAATTACCACCCAGTACTGTATTAGGGTGTGACT NMB\_MUT GGCCATCCCCGGATCCTGCATGGAAGGAATTACCACCCAGTACTGTATTAGGGTGTGACT g.1173 G>C or IVS2+196 G>C(unknown in databases) (within NMB intron 2) NMB REF GCAGAGCTCAAAGGAACAGTCCAAAGAAAGGAAGCTGACCTTCCCAGTAGACCCCAT NMB MUT GCAGAGCTCAAAGGAACAGTCCAAACAAAGGAAGCTGACCTTCCCAGTAGACCCCAT g.2493 A>G or IVS2-251 A>G or rs3809508 (within NMB intron 2) NMB REF GTGAGGACGCTGACACTAGCCCAGCACCAAGCACTGTATTTGGATTTTCTTCCACGATCT NMB MUT GTGAGGACGCTGACACTAGCCCAGCACCAGGCACTGTATTTGGATTTTCTTCCACGATCT

7/7

g.2708 C>T or IVS2-36 C>T (unknown in databases) (within NMB intron 2)

NMB\_REF

AATGCCAGGATGCCCTATCTTTATCAGGAGCCCCTCCCTGGCTCAATTCTTCTGTATGT
NMB MUT

AATGGCAGGATGCCCCTATCTTTATCAGGAGCCCTTCCCTGGCTCAATTCTTCTGTATGT

g.2817 T>C or g.\*38 T>C or rs3748371 (within NMB 3' untranslated region)

NMB REF

g.2863 CG or g.\*84 CG or rs1804012 (within NMB 3' untranslated region)

NMB\_REF

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NMB\_MUT

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g.3022 C>A or g.\*243 C>A or rs3748372 (within NMB 3' untranslated region)

NMB\_REF

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ATAAAACCTTGCTCTTTACATAAAATGCCTGGTCCTCTCCTTTCACCCGTCTTTTAGGGG